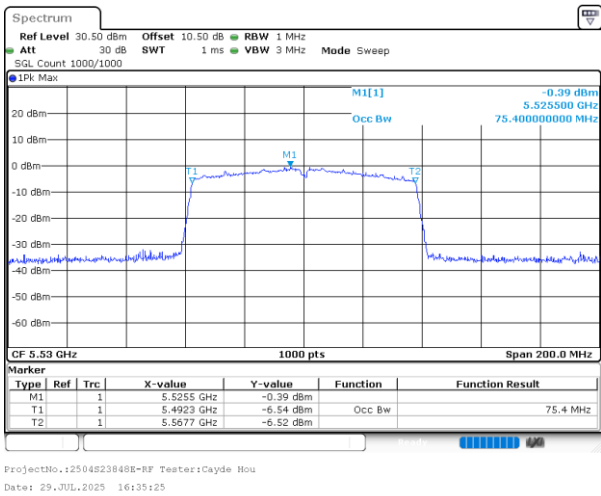
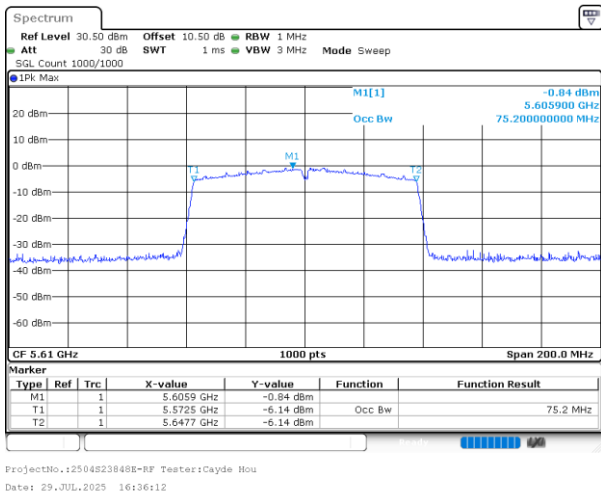


802.11ac80_5530MHz

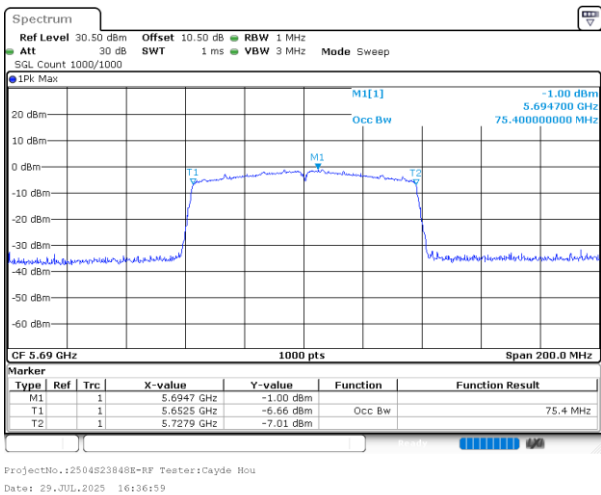


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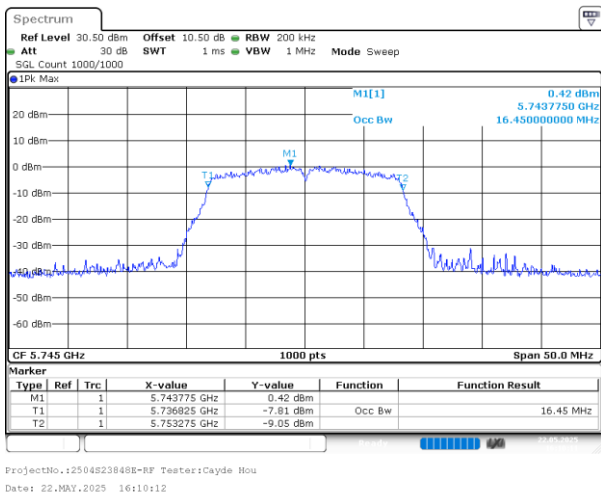


5725-5850MHz

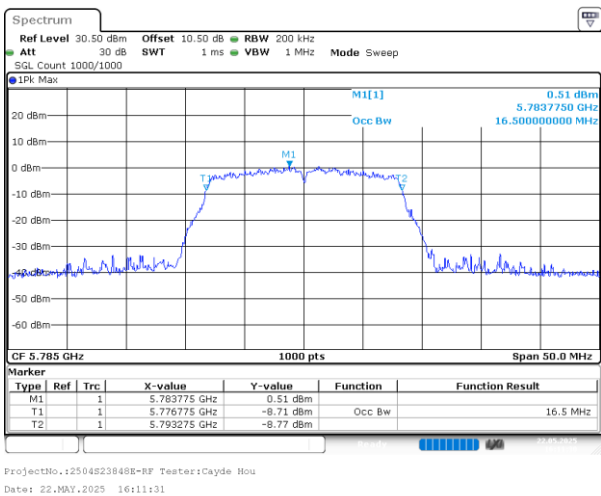
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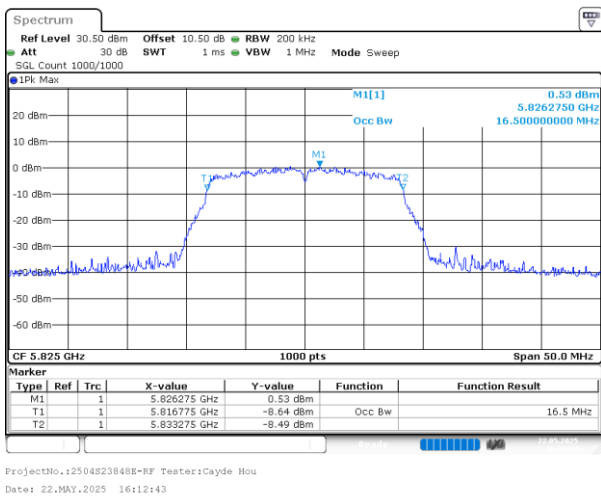
802.11a_5745MHz



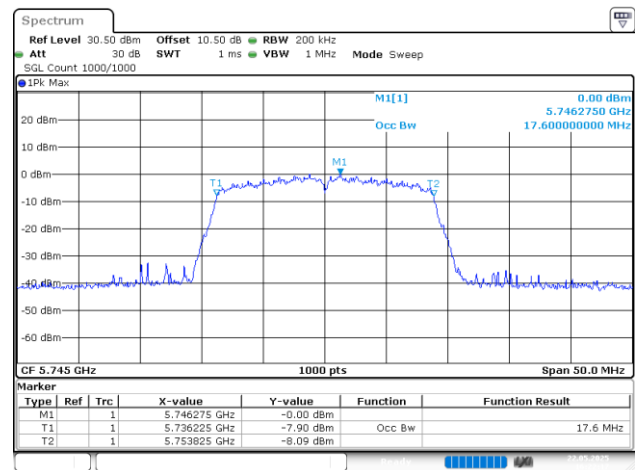
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802.11a_5825MHz

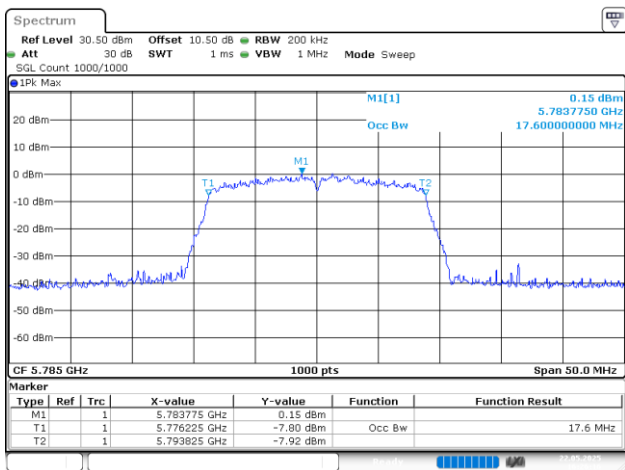


802.11ac20_5745MHz



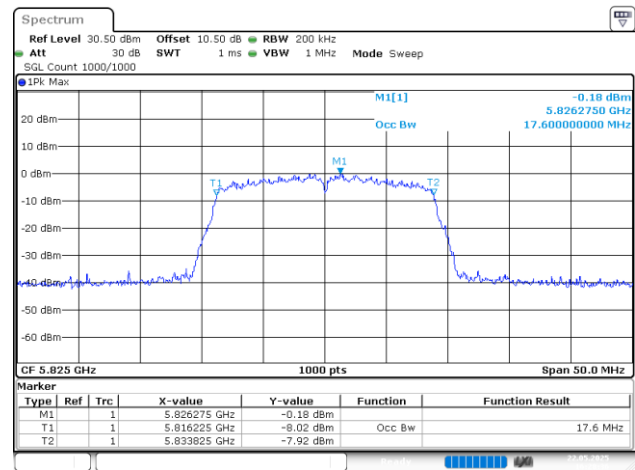
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802.11ac20_5785MHz



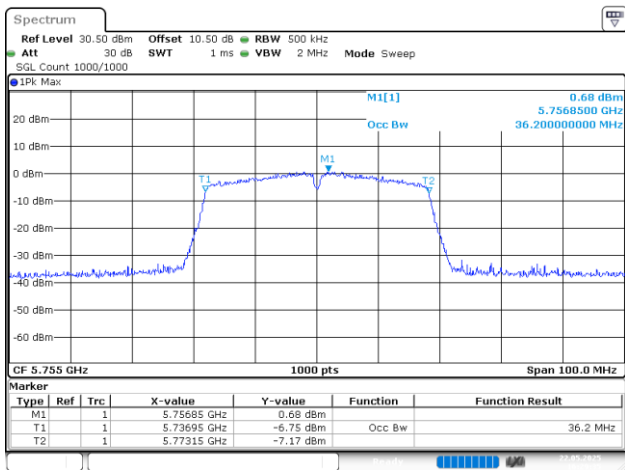
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802.11ac20_5825MHz



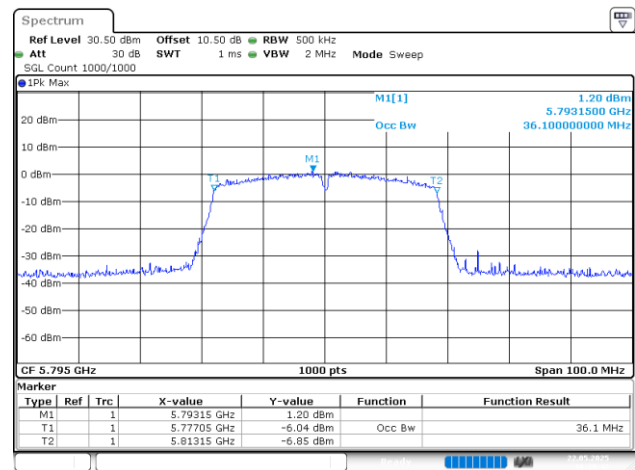
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802.11ac40_5755MHz



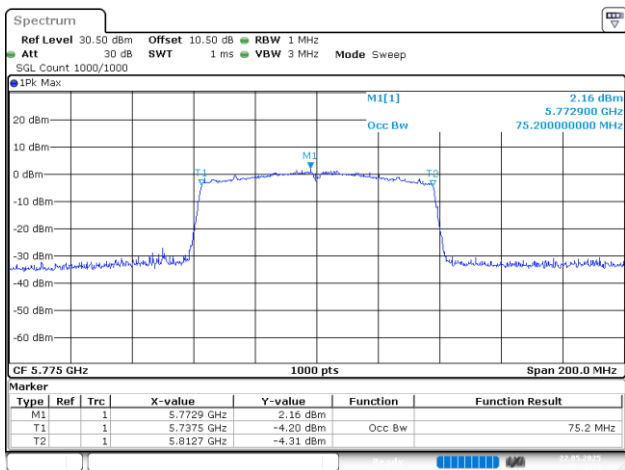
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802.11ac40_5795MHz



ProjectNo.:2504S23848E-RF Tester:Cayde Hou
Date: 22.MAY.2025 16:30:43

802.11ac80_5775MHz



ProjectNo.:2504S23848E-RF Tester:Cayde Hou
Date: 22.MAY.2025 16:32:11

Maximum Conducted Output Power

5150-5250MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	5180	9.62	24	Pass
	5200	9.68	24	Pass
	5240	9.55	24	Pass
802.11ac20	5180	9.51	24	Pass
	5200	9.56	24	Pass
	5240	9.24	24	Pass
802.11ac40	5190	9.5	24	Pass
	5230	9.39	24	Pass
802.11ac80	5210	9.49	24	Pass

5250-5350MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	5260	9.38	24	Pass
	5300	8.91	24	Pass
	5320	9.03	24	Pass
802.11ac20	5260	9.23	24	Pass
	5300	8.71	24	Pass
	5320	9.15	24	Pass
802.11ac40	5270	9.2	24	Pass
	5310	9.03	24	Pass
802.11ac80	5290	9.25	24	Pass

5470-5725MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	5500	8.32	24	Pass
	5580	7.77	24	Pass
	5700	8.09	24	Pass
	5720	7.79	24	Pass
802.11ac20	5500	7.79	24	Pass
	5580	7.62	24	Pass
	5700	8.01	24	Pass

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11ac20	5720	7.61	24	Pass
802.11ac40	5510	7.25	24	Pass
	5550	7.32	24	Pass
	5670	7.28	24	Pass
	5710	7.27	24	Pass
802.11ac80	5530	7.21	24	Pass
	5610	7.17	24	Pass
	5690	6.72	24	Pass

5725-5850MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	5745	9.76	30	Pass
	5785	9.92	30	Pass
	5825	10.04	30	Pass
802.11ac20	5745	9.19	30	Pass
	5785	9.37	30	Pass
	5825	9.24	30	Pass
802.11ac40	5755	9.27	30	Pass
	5795	9.52	30	Pass
802.11ac80	5775	9.31	30	Pass

Power Spectral Density

5150-5250MHz

Mode	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	5180	-0.44	0.14	-0.30	11	Pass
	5200	-0.39	0.14	-0.25	11	Pass
	5240	-0.44	0.14	-0.30	11	Pass
802.11ac20	5180	-0.75	0.15	-0.60	11	Pass
	5200	-0.92	0.15	-0.77	11	Pass
	5240	-1.01	0.15	-0.86	11	Pass
802.11ac40	5190	-3.87	0.29	-3.58	11	Pass
	5230	-4.06	0.29	-3.77	11	Pass
802.11ac80	5210	-7.33	0.56	-6.77	11	Pass

5250-5350MHz

Mode	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	5260	-0.81	0.14	-0.67	11	Pass
	5300	-0.90	0.14	-0.76	11	Pass
	5320	-1.17	0.14	-1.03	11	Pass
802.11ac20	5260	-1.12	0.15	-0.97	11	Pass
	5300	-1.43	0.15	-1.28	11	Pass
	5320	-1.07	0.15	-0.92	11	Pass
802.11ac40	5270	-4.23	0.29	-3.94	11	Pass
	5310	-4.43	0.29	-4.14	11	Pass
802.11ac80	5290	-7.48	0.55	-6.93	11	Pass

5470-5725MHz

Mode	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	5500	-1.50	0.14	-1.36	11	Pass
	5580	-2.51	0.14	-2.37	11	Pass
	5700	-1.98	0.14	-1.84	11	Pass
	5720	-1.85	0.14	-1.71	11	Pass
802.11ac20	5500	-2.55	0.15	-2.40	11	Pass
	5580	-2.56	0.15	-2.41	11	Pass

Mode	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11ac20	5700	-2.24	0.15	-2.09	11	Pass
	5720	-1.89	0.15	-1.74	11	Pass
802.11ac40	5510	-6.35	0.29	-6.06	11	Pass
	5550	-6.16	0.29	-5.87	11	Pass
	5670	-5.87	0.29	-5.58	11	Pass
	5710	-5.75	0.29	-5.46	11	Pass
802.11ac80	5530	-9.56	0.55	-9.01	11	Pass
	5610	-9.59	0.55	-9.04	11	Pass
	5690	-10.04	0.55	-9.49	11	Pass

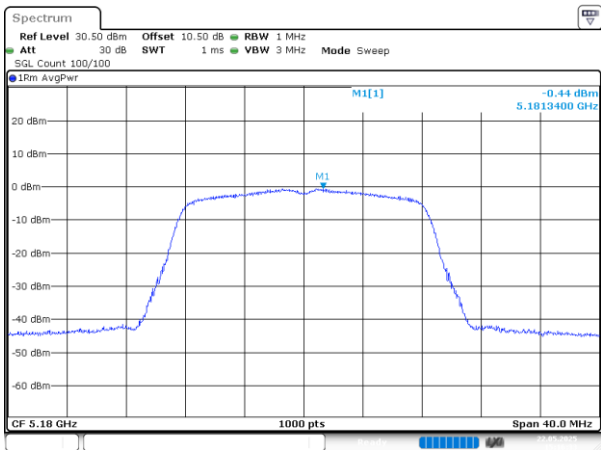
5725-5850MHz

Mode	Test Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor(dB)	Result (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
802.11a	5745	-3.25	0.14	-3.11	30	Pass
	5785	-3.13	0.14	-2.99	30	Pass
	5825	-2.72	0.14	-2.58	30	Pass
802.11ac20	5745	-3.96	0.15	-3.81	30	Pass
	5785	-3.71	0.15	-3.56	30	Pass
	5825	-4.11	0.15	-3.96	30	Pass
802.11ac40	5755	-6.75	0.29	-6.46	30	Pass
	5795	-6.70	0.29	-6.41	30	Pass
802.11ac80	5775	-10.09	0.55	-9.54	30	Pass

Result = Reading + Duty Cycle Factor

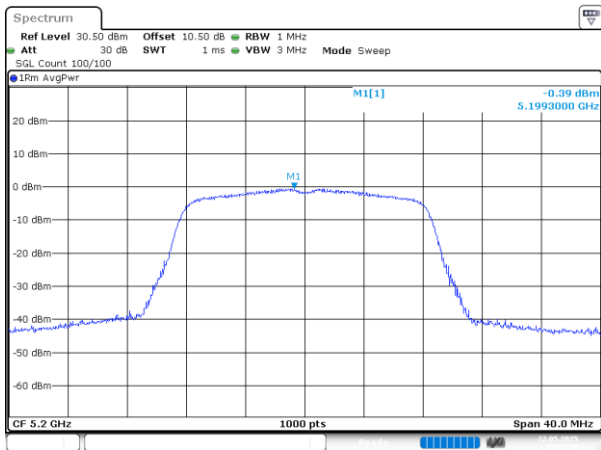
5150-5250MHz

802.11a_5180MHz



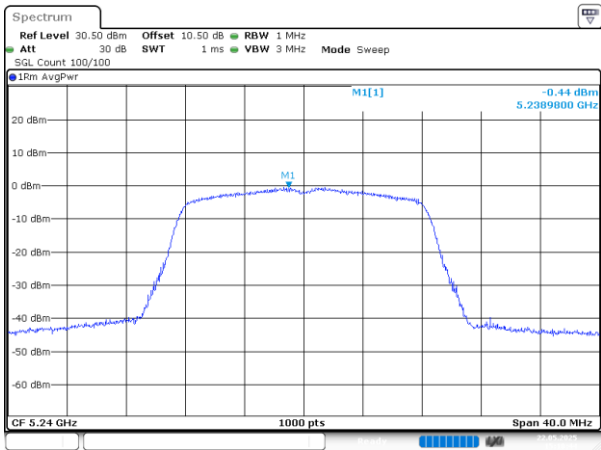
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802.11a_5200MHz



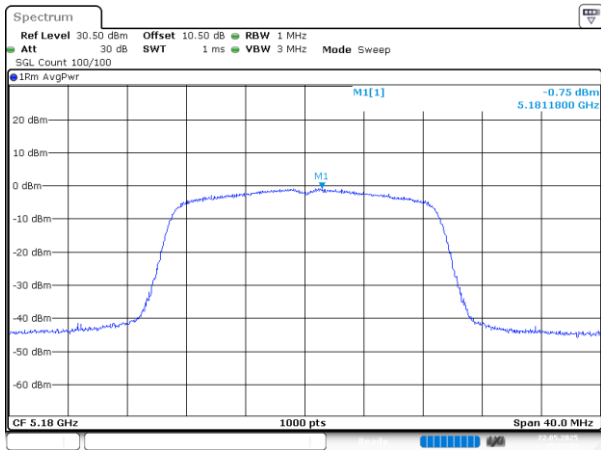
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802.11a_5240MHz



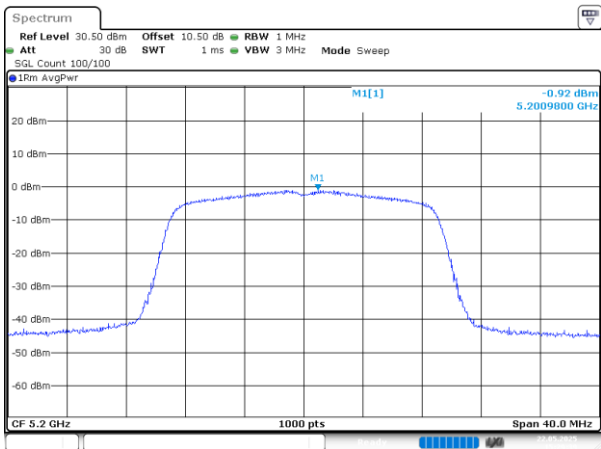
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802.11ac20_5180MHz



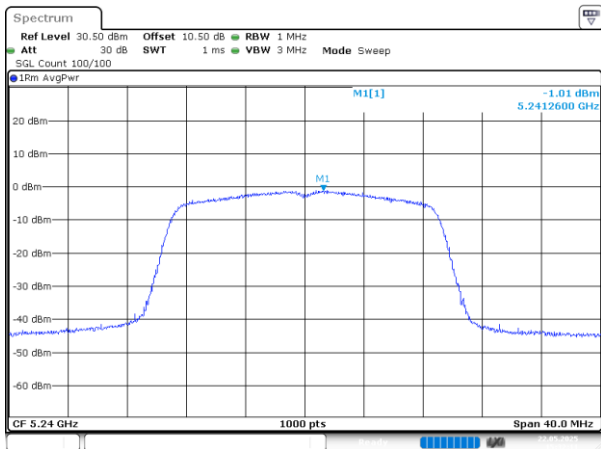
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802.11ac20_5200MHz



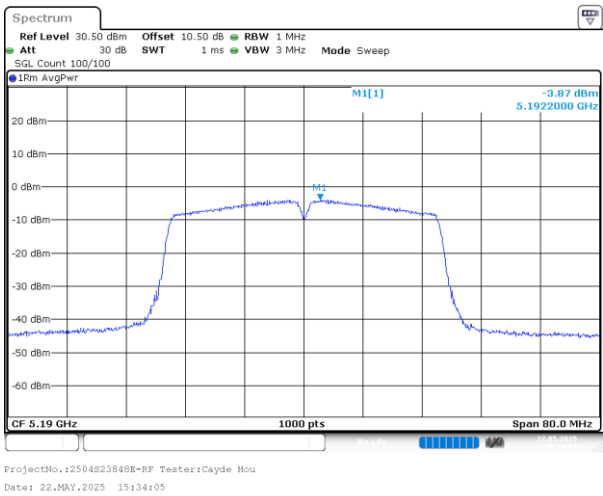
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802.11ac20_5240MHz

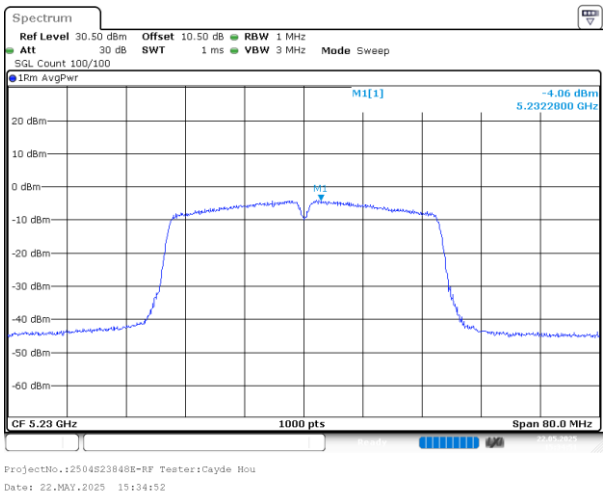


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Date: 22.MAY.2025 15:32:12

802.11ac40_5190MHz

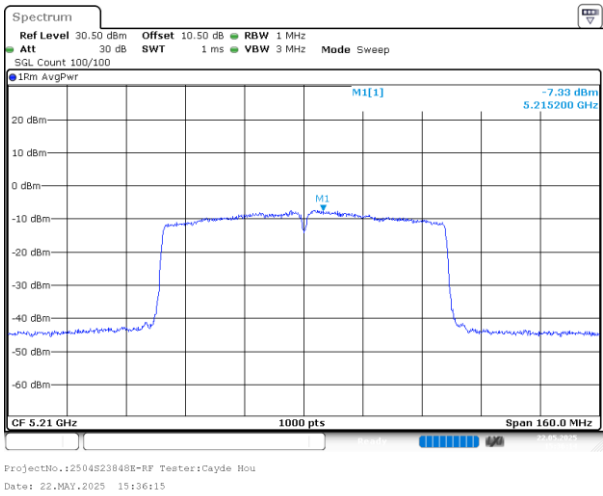


802.11ac40_5230MHz

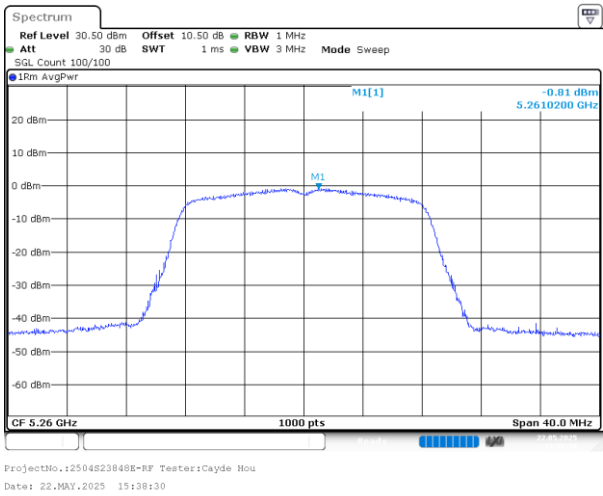


5250-5350MHz

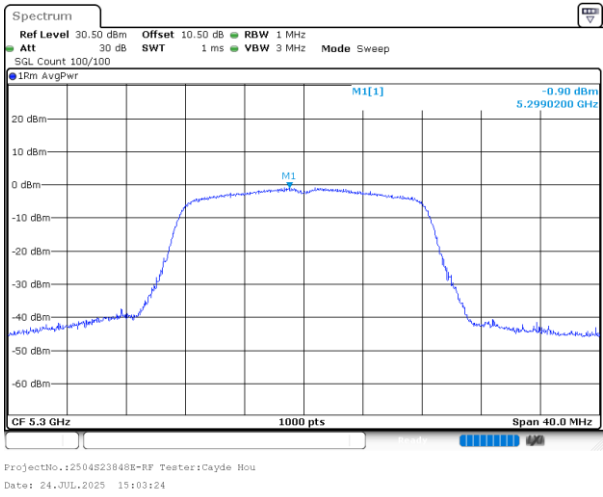
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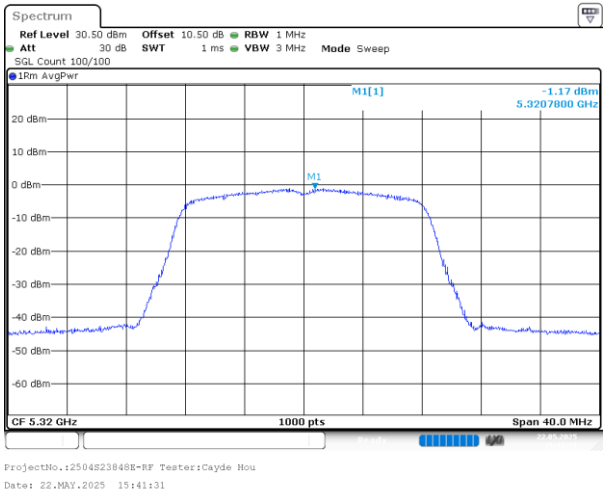
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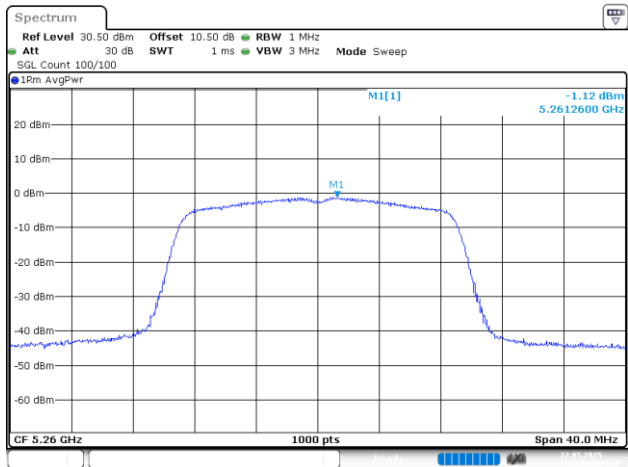
802.11a_5300MHz



802.11a_5320MHz

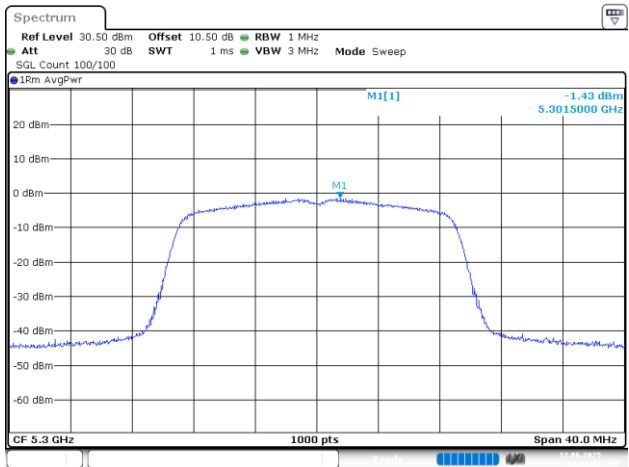


802.11ac20_5260MHz



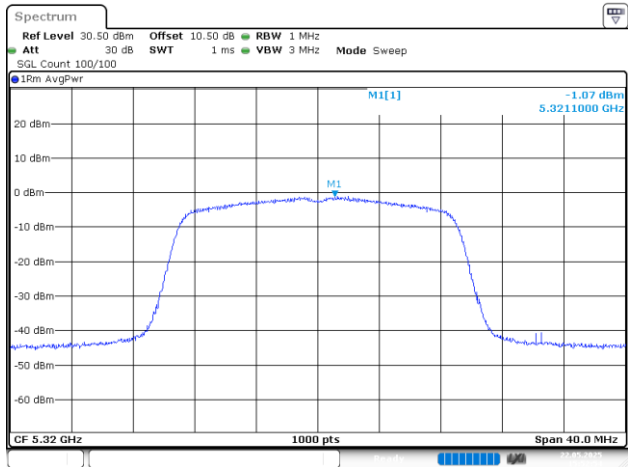
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802.11ac20_5300MHz



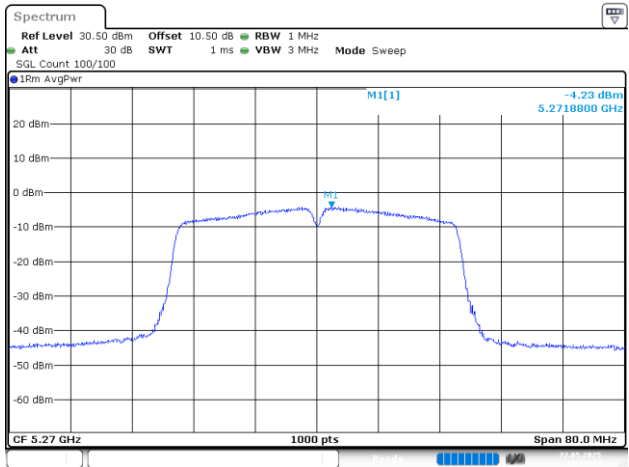
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802.11ac20_5320MHz



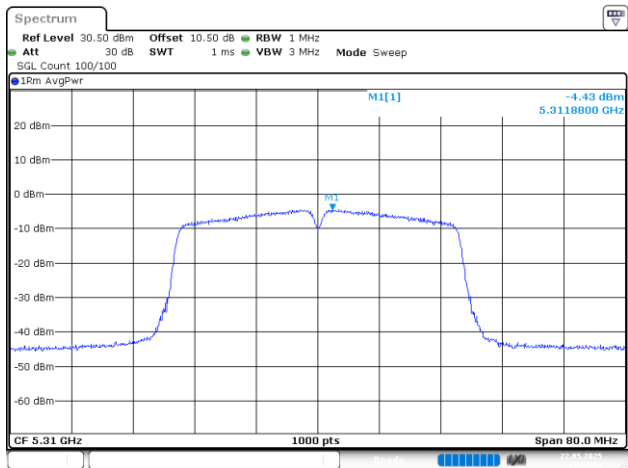
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802.11ac40_5270MHz



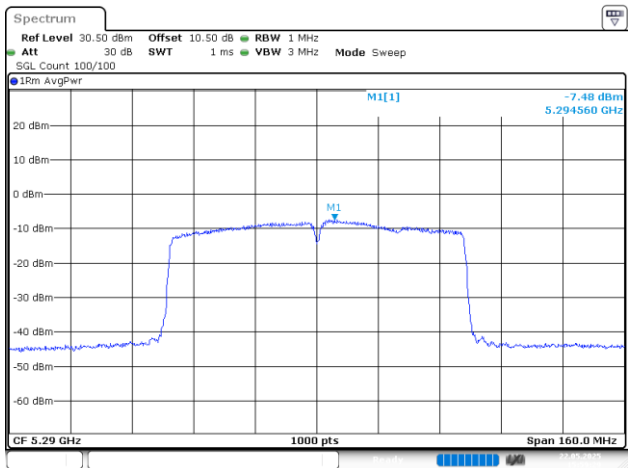
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802.11ac40_5310MHz



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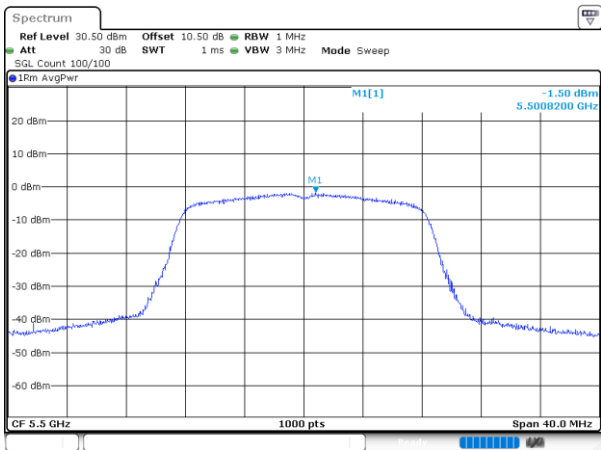
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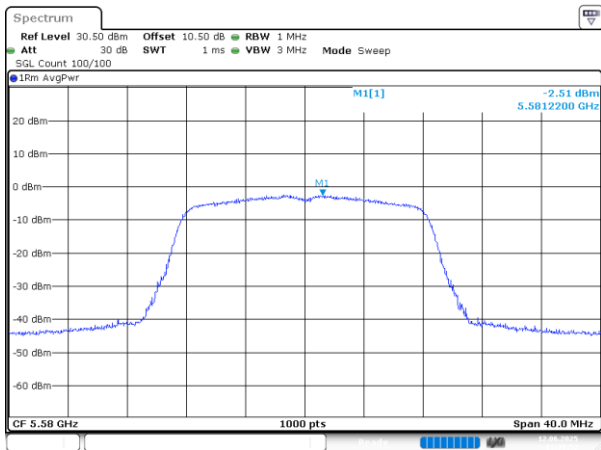
5470-5725MHz

802.11a_5500MHz



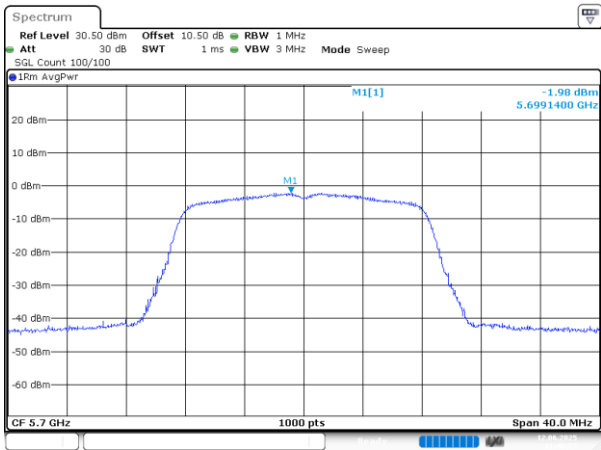
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802.11a_5580MHz



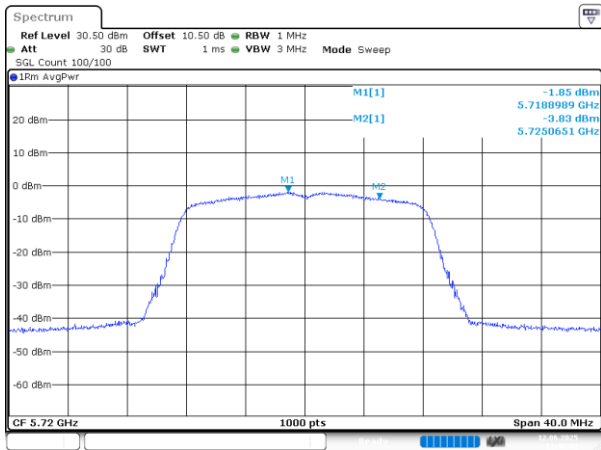
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802.11a_5700MHz



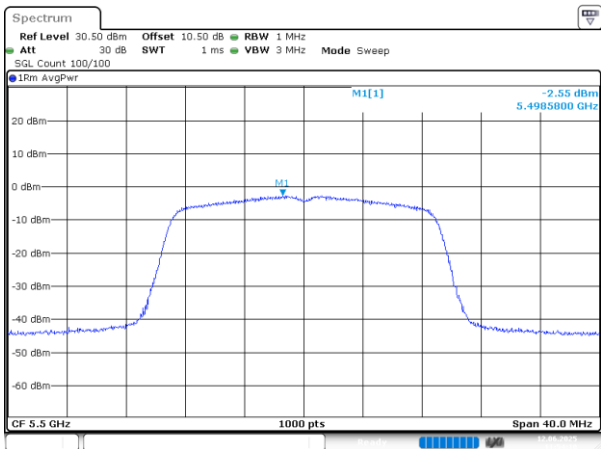
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802.11a_5720MHz



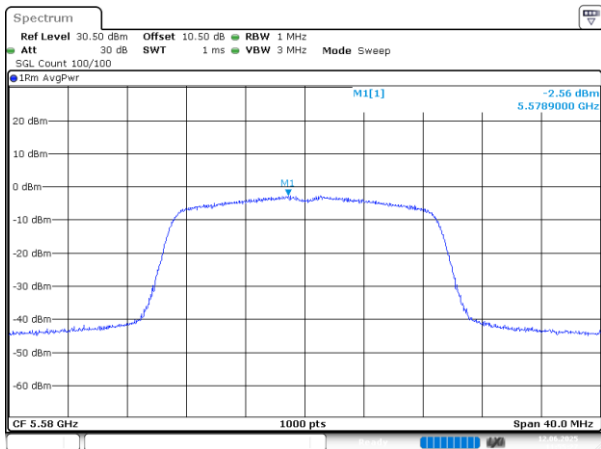
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802.11ac20_5500MHz



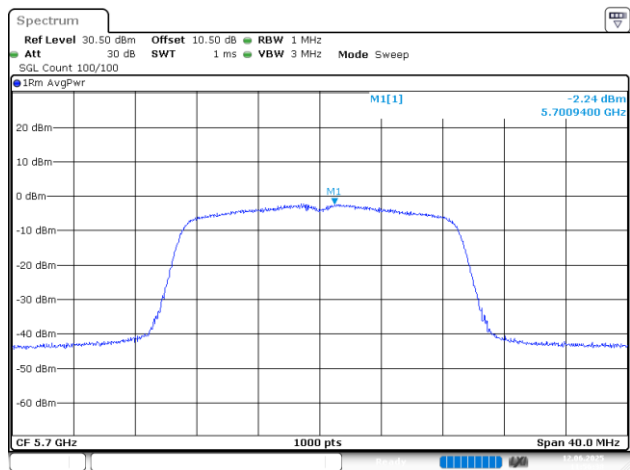
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802.11ac20_5580MHz



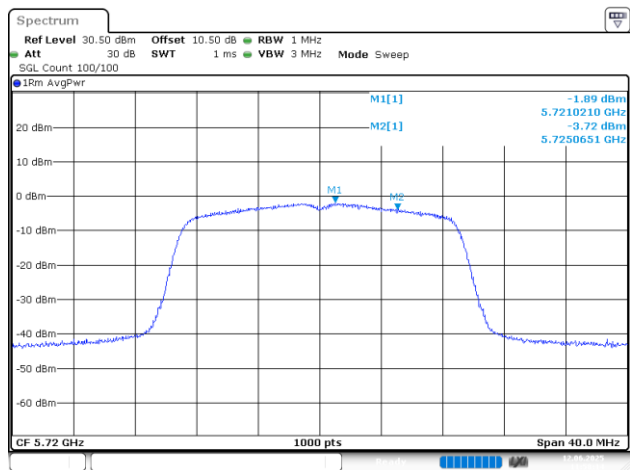
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802.11ac20_5700MHz



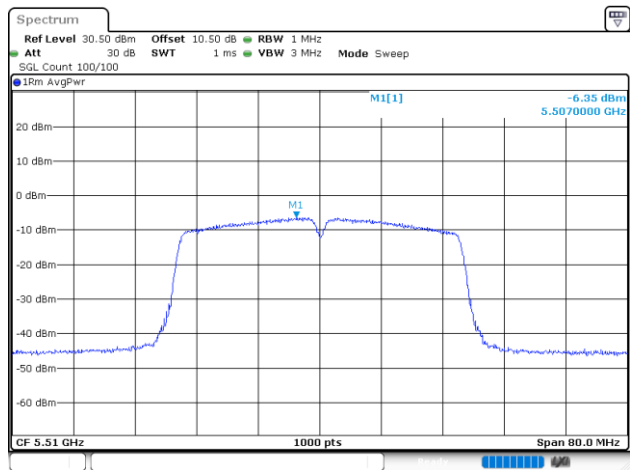
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802.11ac20_5720MHz



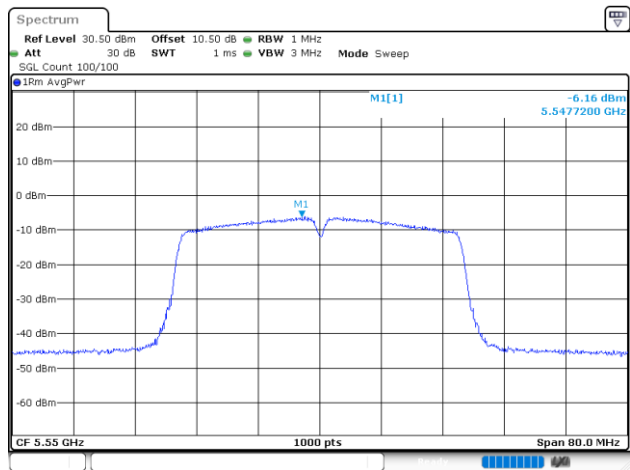
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802.11ac40_5510MHz



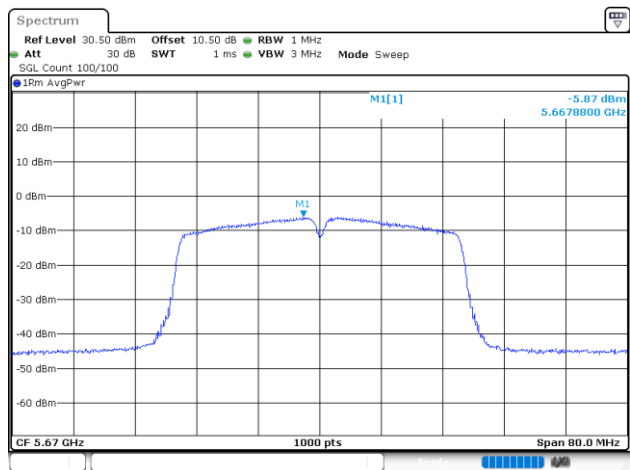
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802.11ac40_5550MHz



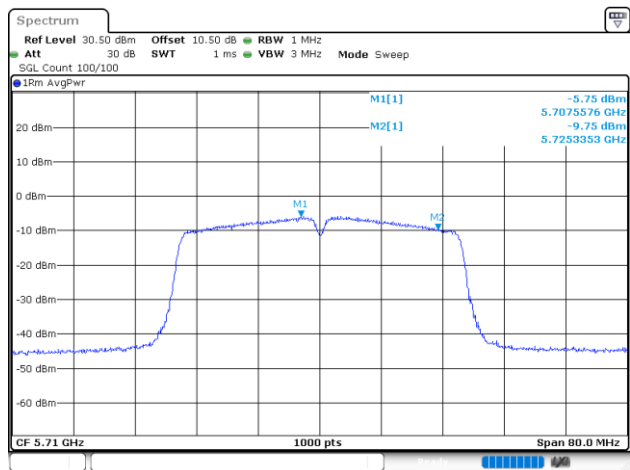
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802.11ac40_5670MHz



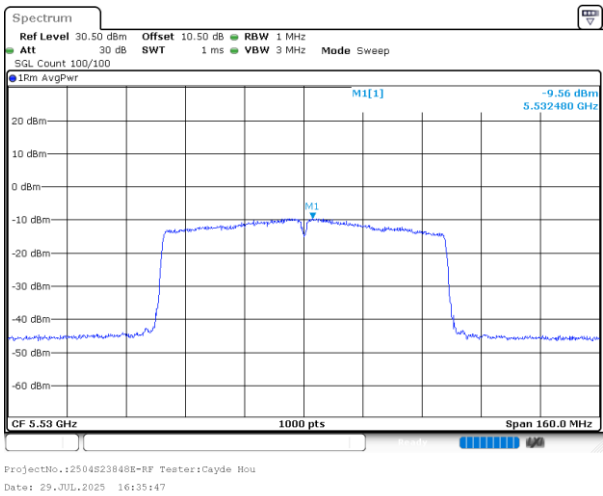
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802.11ac40_5710MHz

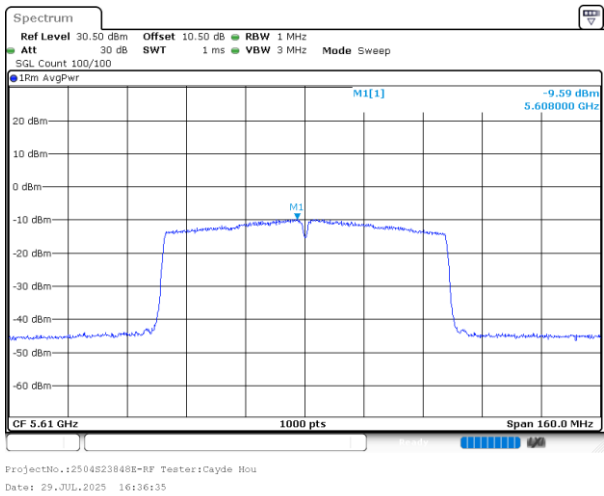


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802.11ac80_5530MHz

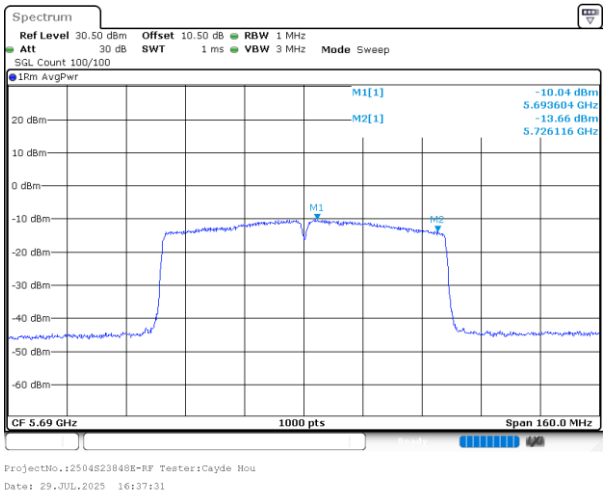


802.11ac80_5610MHz

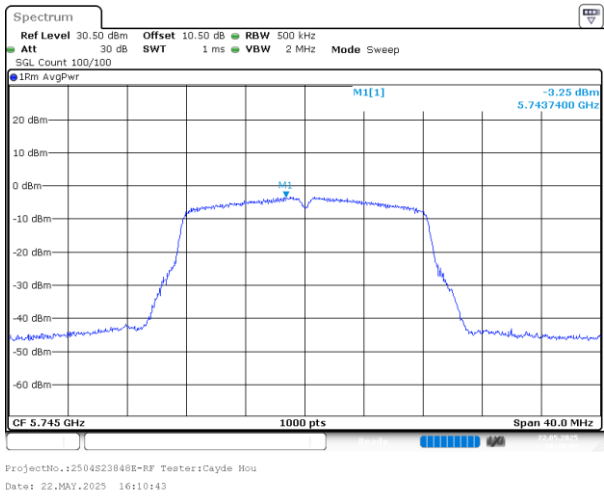


5725-5850MHz

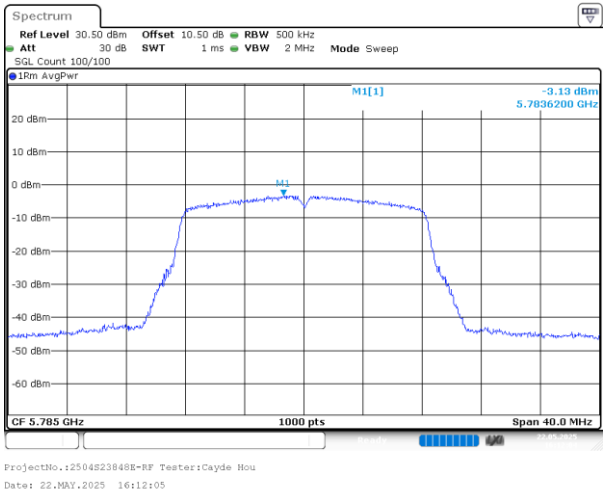
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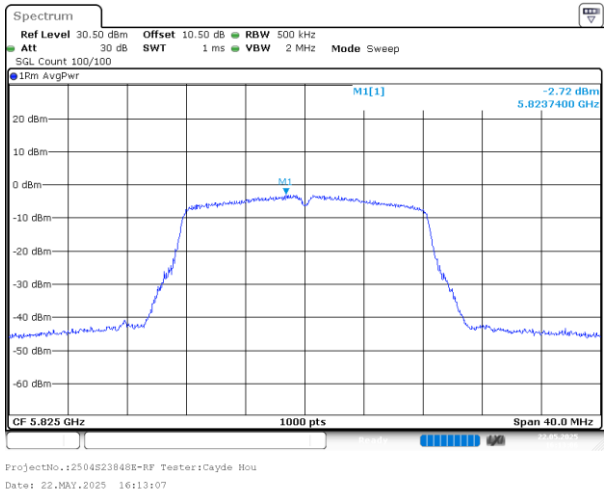
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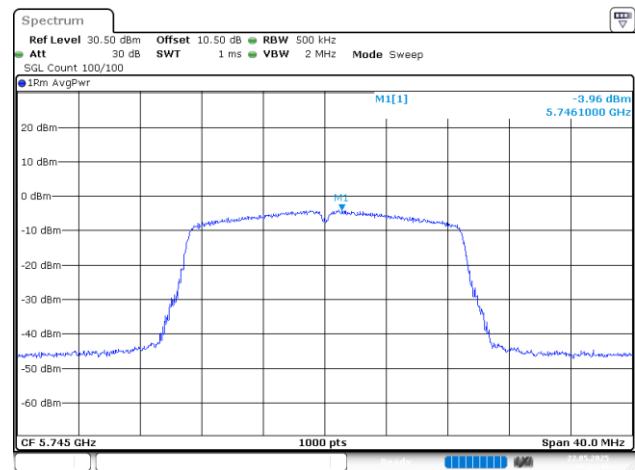
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802.11a_5825MHz

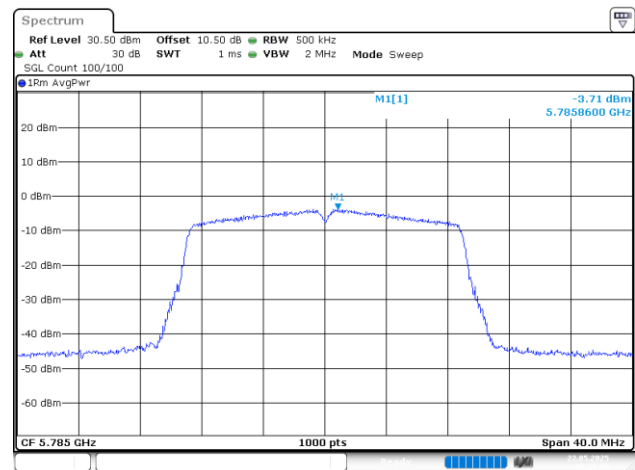


802.11ac20_5745MHz



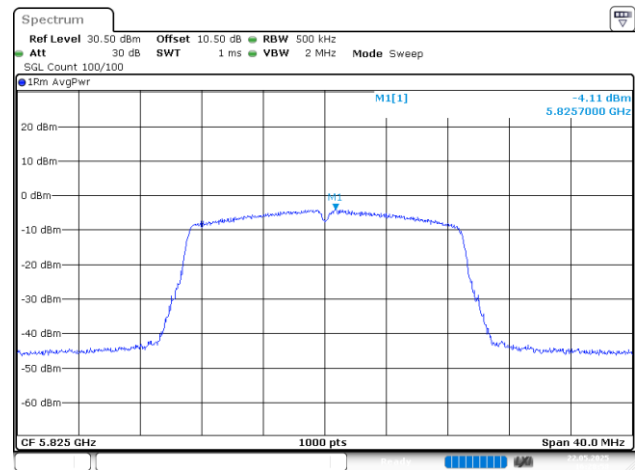
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802.11ac20_5785MHz



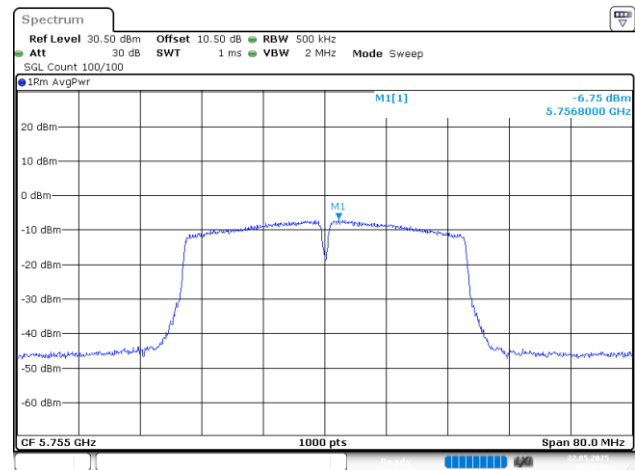
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802.11ac20_5825MHz



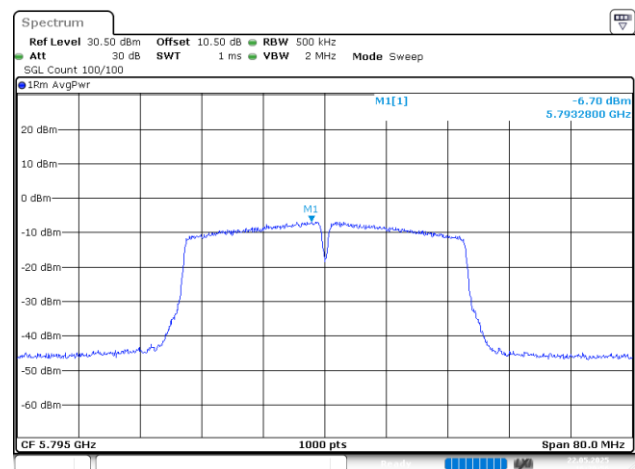
ProjectNo.:2504S23848E-RF Tester:Cayde Hou
Date: 22.MAY.2025 16:28:58

802.11ac40_5755MHz



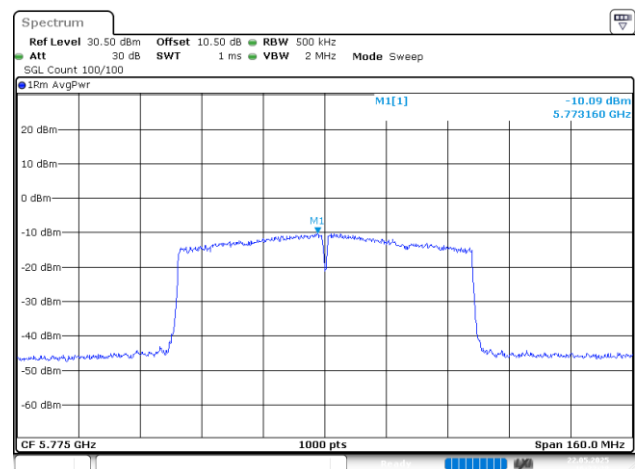
ProjectNo.:2504S23848E-RF Tester:Cayde Hou
Date: 22.MAY.2025 16:29:49

802.11ac40_5795MHz



ProjectNo.:2504S23848E-RF Tester:Cayde Hou
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802.11ac80_5775MHz



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Duty Cycle

5150-5250MHz

Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	5200	1.390	1.437	96.73	0.14	719	1
802.11ac20	5200	1.311	1.358	96.54	0.15	763	1
802.11ac40	5190	0.652	0.697	93.54	0.29	1534	2
802.11ac80	5210	0.324	0.369	87.80	0.56	3086	5

5250-5350MHz

Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	5280	1.391	1.437	96.80	0.14	719	1
802.11ac20	5260	1.311	1.358	96.54	0.15	763	1
802.11ac40	5270	0.651	0.696	93.53	0.29	1536	2
802.11ac80	5290	0.324	0.368	88.04	0.55	3086	5

5470-5725MHz

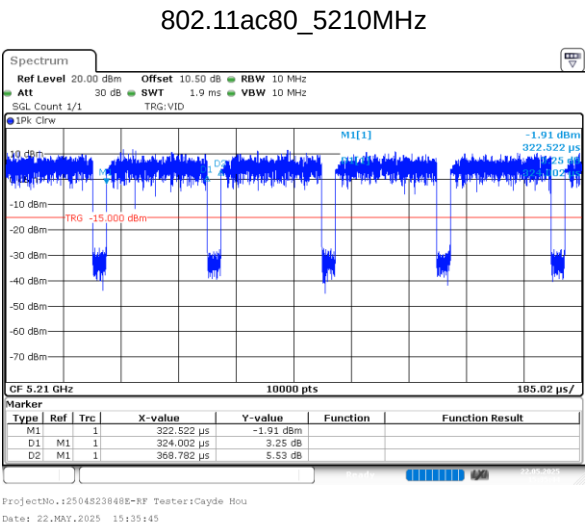
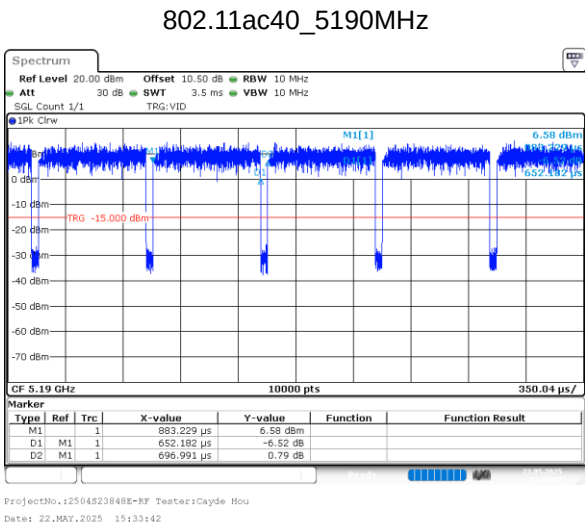
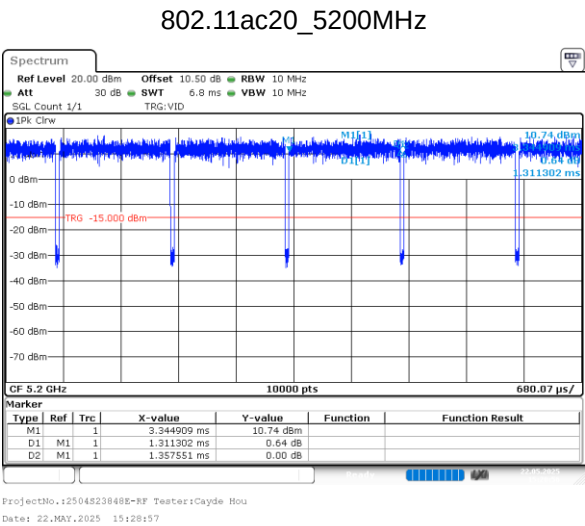
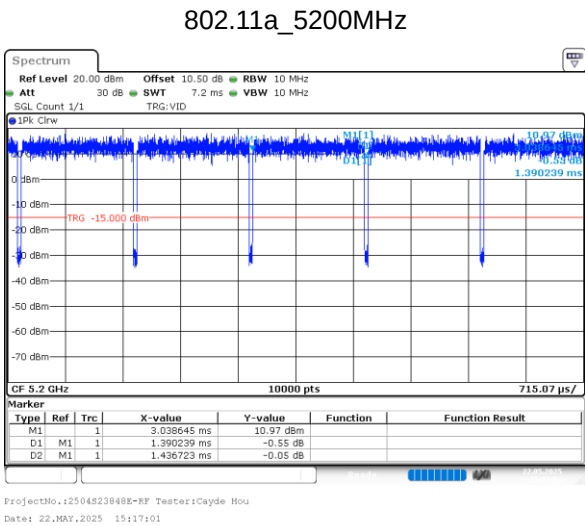
Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	5580	1.378	1.424	96.77	0.14	726	1
802.11ac20	5580	1.296	1.342	96.57	0.15	772	1
802.11ac40	5550	0.651	0.696	93.53	0.29	1536	2
802.11ac80	5610	0.324	0.368	88.04	0.55	3086	5

5725-5850MHz

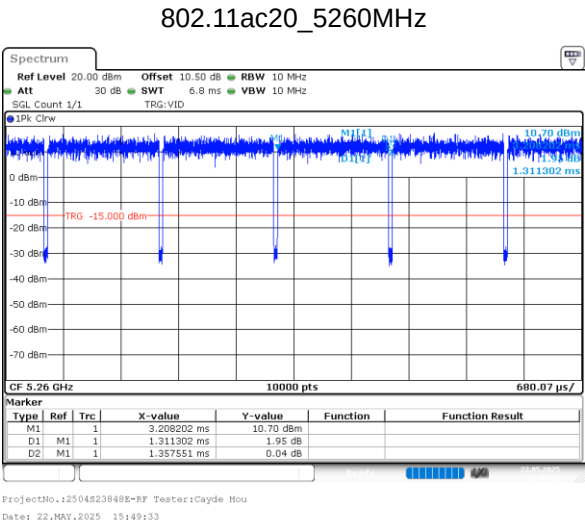
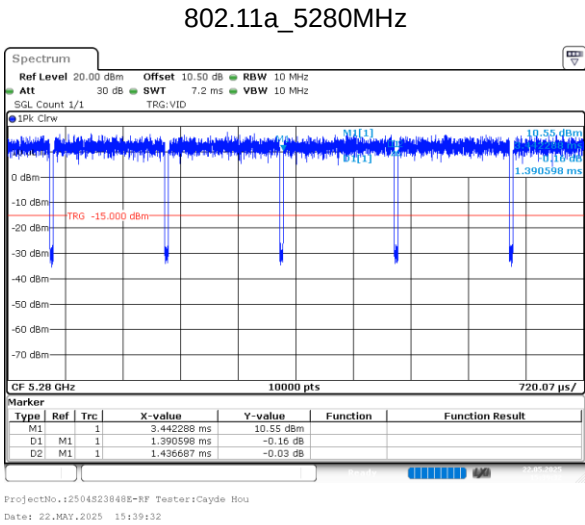
Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	5785	1.391	1.437	96.80	0.14	719	1
802.11ac20	5785	1.311	1.358	96.54	0.15	763	1
802.11ac40	5755	0.651	0.696	93.53	0.29	1536	2
802.11ac80	5775	0.324	0.368	88.04	0.55	3086	5

Duty Cycle = Ton/(Ton+Toff)*100%

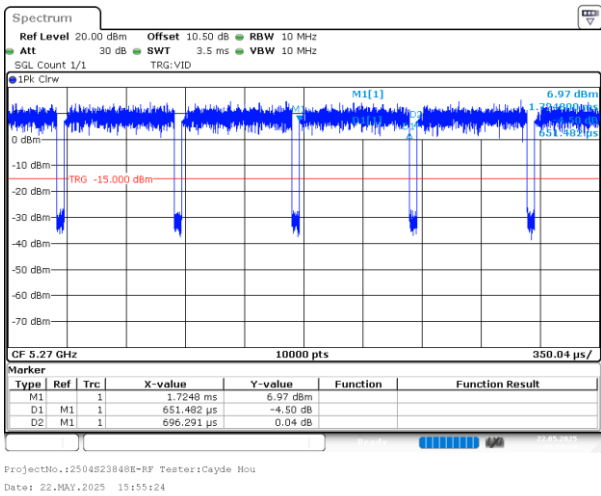
5150-5250MHz



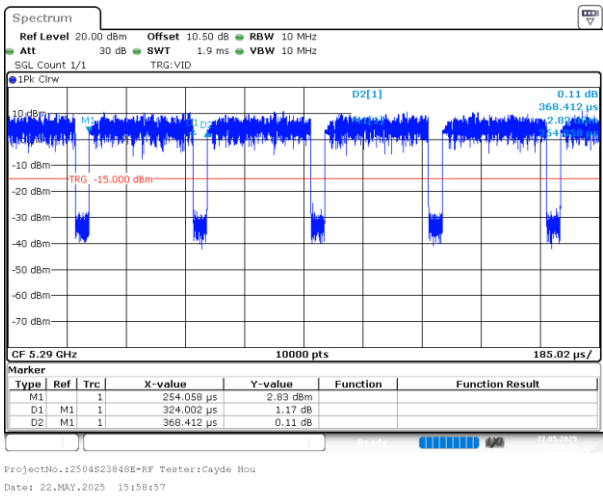
5250-5350MHz



802.11ac40_5270MHz

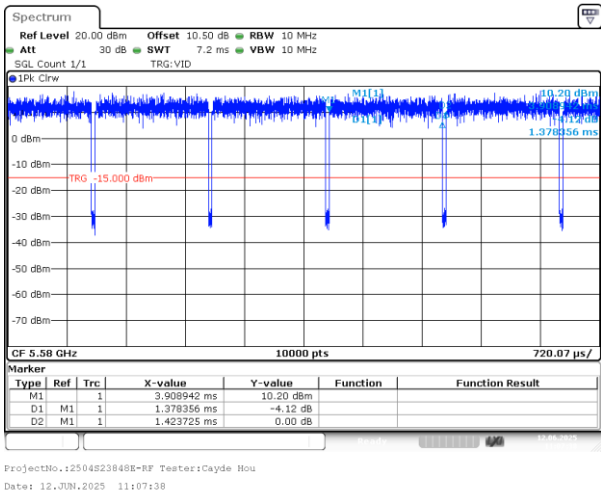


802.11ac80_5290MHz

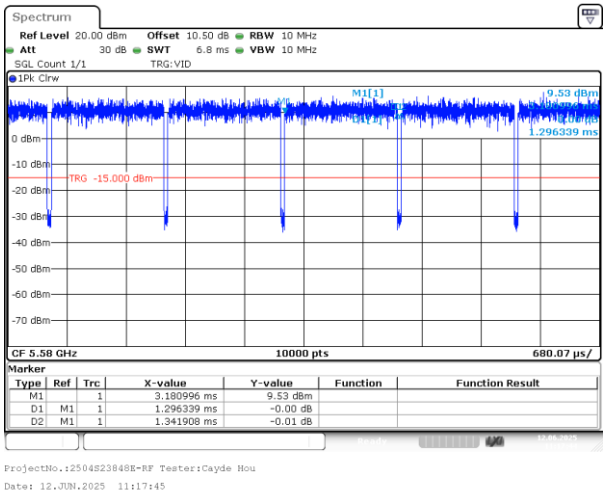


5470-5725MHz

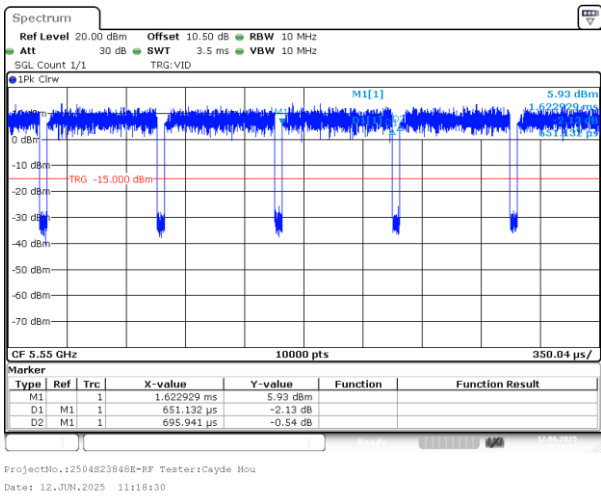
802.11a_5580MHz



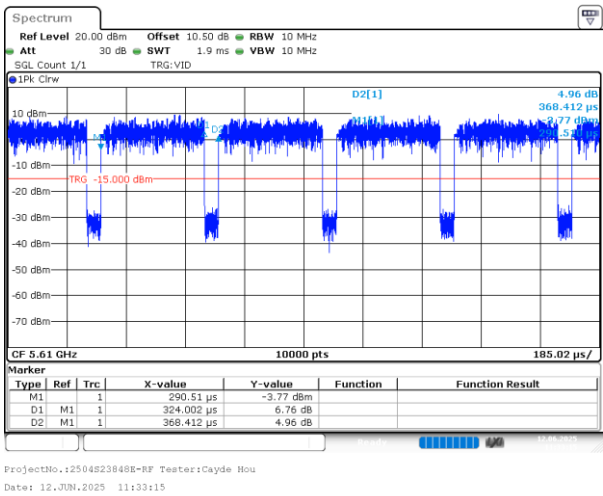
802.11ac20_5580MHz



802.11ac40_5550MHz

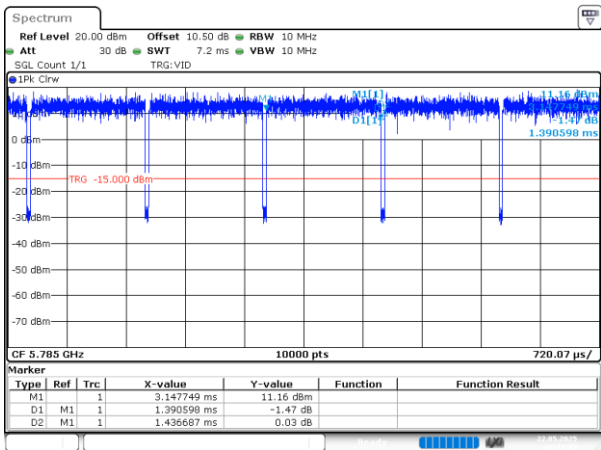


802.11ac80_5610MHz



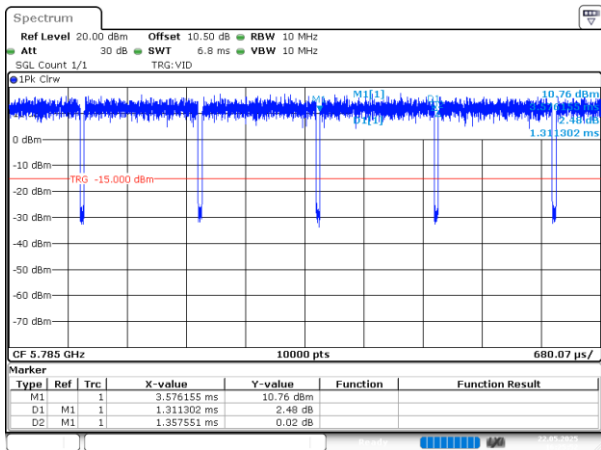
5725-5850MHz

802.11a_5785MHz



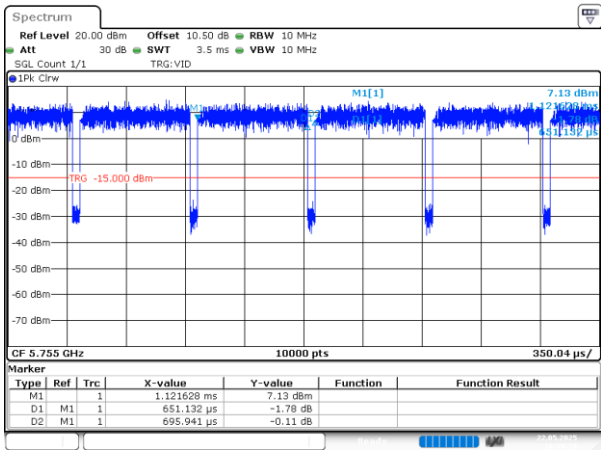
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Date: 22.MAY.2025 16:11:07

802.11ac20_5785MHz



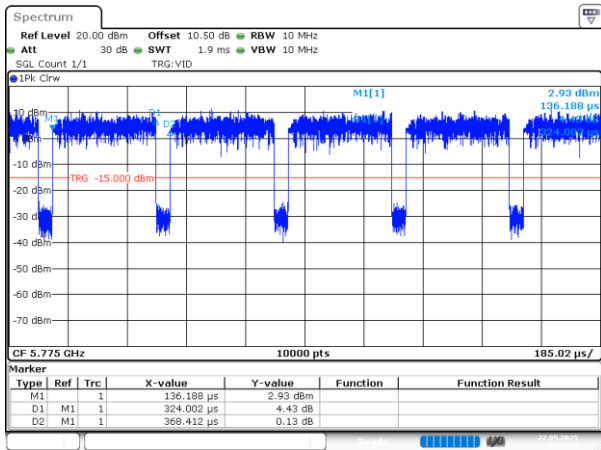
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Date: 22.MAY.2025 16:25:53

802.11ac40_5755MHz



ProjectNo.:2504S23848E-RF Tester:Cayde Hou
Date: 22.MAY.2025 16:29:29

802.11ac80_5775MHz



ProjectNo.:2504S23848E-RF Tester:Cayde Hou
Date: 22.MAY.2025 16:32:02